

STN SEARCH TRANSCRIPT

Connecting via Winsock to STN

10/719,110

Welcome to STN International! Enter x:x

LOGINID:sssptal623zct

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 MAY 01 New CAS web site launched
NEWS 3 MAY 08 CA/CAPLUS Indian patent publication number format defined
NEWS 4 MAY 14 RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 5 MAY 21 BIOSIS reloaded and enhanced with archival data
NEWS 6 MAY 21 TOXCENTER enhanced with BIOSIS reload
NEWS 7 MAY 21 CA/CAPLUS enhanced with additional kind codes for German patents
NEWS 8 MAY 22 CA/CAPLUS enhanced with IPC reclassification in Japanese patents
NEWS 9 JUN 27 CA/CAPLUS enhanced with pre-1967 CAS Registry Numbers
NEWS 10 JUN 29 STN Viewer now available
NEWS 11 JUN 29 STN Express, Version 8.2, now available
NEWS 12 JUL 02 LEMBASE coverage updated
NEWS 13 JUL 02 LEMBASE coverage updated
NEWS 14 JUL 02 SCISEARCH enhanced with complete author names
NEWS 15 JUL 02 CHEMCATS accession numbers revised
NEWS 16 JUL 02 CA/CAPLUS enhanced with utility model patents from China
NEWS 17 JUL 16 CAPLUS enhanced with French and German abstracts
NEWS 18 JUL 18 CA/CAPLUS patent coverage enhanced
NEWS 19 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 20 JUL 30 USGENE now available on STN
NEWS 21 AUG 06 CAS REGISTRY enhanced with new experimental property tags
NEWS 22 AUG 06 BEILSTEIN updated with new compounds
NEWS 23 AUG 06 FSTA enhanced with new thesaurus edition

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:55:38 ON 09 AUG 2007

=> FILE REG

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 10:56:21 ON 09 AUG 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 8 AUG 2007 HIGHEST RN 944313-22-8
DICTIONARY FILE UPDATES: 8 AUG 2007 HIGHEST RN 944313-22-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

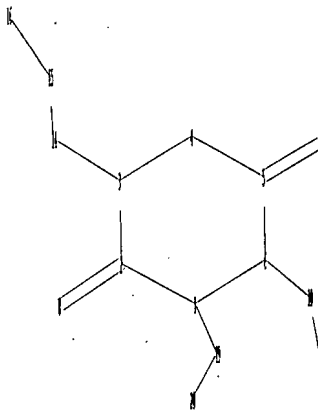
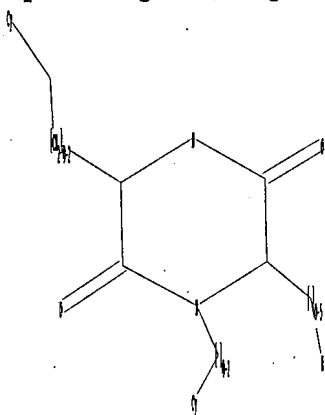
Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\PIPERAZINEDIONES FOR OBESITY.str



chain nodes :

7 8 10 11 14 15 16 19 20

ring nodes :

1 2 3 4 5 6

chain bonds :

1-19 2-8 3-14 5-7 6-10 10-11 14-15 15-16 19-20

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-2 1-6 1-19 2-3 2-8 3-4 4-5 5-6 5-7 10-11 15-16 19-20

exact bonds :

3-14 6-10 14-15

isolated ring systems :

containing 1 :

Match level :

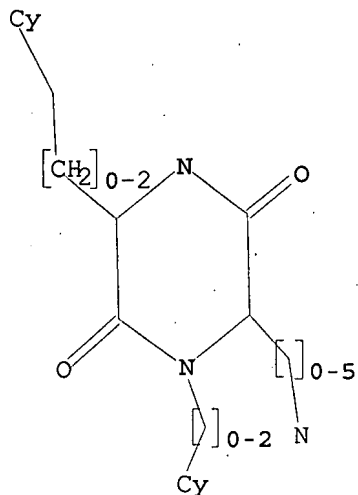
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 10:CLASS
11:CLASS 14:CLASS 15:CLASS 16:Atom 19:CLASS 20:Atom

L1 STRUCTURE UPLOADED

=> D L1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> S L1

SAMPLE SEARCH INITIATED 10:56:51 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 3448 TO ITERATE

58.0% PROCESSED 2000 ITERATIONS

1 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 65439 TO 72481

PROJECTED ANSWERS: 1 TO 112

L2 1 SEA SSS SAM L1

=> S L1 SSS FULL

FULL SEARCH INITIATED 10:56:56 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 67612 TO ITERATE

100.0% PROCESSED 67612 ITERATIONS

298 ANSWERS

SEARCH TIME: 00.00.03

L3 298 SEA SSS FUL L1

=> FILE CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

172.10

172.31

FILE 'CAPLUS' ENTERED AT 10:57:03 ON 09 AUG 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 9 Aug 2007 VOL 147 ISS 7
FILE LAST UPDATED: 8 Aug 2007 (20070808/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> S L3

L4 5 L3

=> D 1-5

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2004:467872 CAPLUS
DN 141:38848
TI Preparation of piperazinedione derivatives for use in treating obesity
IN Conde-Frieboes, Kilian Waldemar; Ankersen, Michael; Sensfuss, Ulrich; Wulff, Birgitte Schjellerup; Thogersen, Henning; Lustenberger, Philipp; Rudolf, Klaus; Krist, Bernd; Mueller, Stephan; Stenkamp, Dirk; Schindler, Marcus; Wieland, Heike; Arndt, Kirsten
PA Novo Nordisk A/S, Den.; Boehringer Ingelheim International G.m.b.H.
SO PCT Int. Appl., 196 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------------|--|----------|-----------------|----------|
| WO 2004048345 | A2 | 20040610 | WO 2003-DK797 | 20031120 |
| WO 2004048345 | A3 | 20040715 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| CA 2506843 | A1 | 20040610 | CA 2003-2506843 | 20031120 |
| AU 2003281978 | A1 | 20040618 | AU 2003-281978 | 20031120 |
| EP 1572669 | A2 | 20050914 | EP 2003-773584 | 20031120 |
| R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | |
| JP 2006515574 | T | 20060601 | JP 2004-554239 | 20031120 |
| PRAI DK 2002-1806 | A | 20021122 | | |
| WO 2003-DK797 | W | 20031120 | | |
| OS MARPAT 141:38848 | | | | |

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2001:115088 CAPLUS
 DN 134:178141
 TI Preparation of oxoazacycloalkanes and analogs
 IN Hulme, Christopher; Morton, George C.; Salvino, Joseph M.; Labaudiniere, Richard F.; Mason, Helen J.; Morrisette, Mathew M.; Ma, Liang; Cherrier, Marie-Pierre
 PA Aventis Pharmaceuticals Products, Inc., USA
 SO PCT Int. Appl., 176 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 2001010799 | A1 | 20010215 | WO 2000-US21257 | 20000803 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| | US 6492553 | B1 | 20021210 | US 1999-368213 | 19990804 |
| | EP 1212269 | A1 | 20020612 | EP 2000-955355 | 20000803 |
| | EP 1212269 | B1 | 20041027 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, MC, IE, SI, LT, LV, FI, RO, MK, CY, AL | | | | |
| | JP 2003506420 | T | 20030218 | JP 2001-515272 | 20000803 |
| | AT 280744 | T | 20041115 | AT 2000-955355 | 20000803 |
| | ES 2230143 | T3 | 20050501 | ES 2000-955355 | 20000803 |
| | HK 1046897 | A1 | 20050415 | HK 2002-108269 | 20021115 |
| PRAI | US 1999-368213 | A | 19990804 | | |
| | US 1998-73007P | P | 19980129 | | |
| | US 1998-98404P | P | 19980831 | | |
| | US 1998-98708P | P | 19980901 | | |
| | US 1998-101056P | P | 19980918 | | |
| | WO 1999-US1923 | A2 | 19990129 | | |
| | WO 2000-US21257 | W | 20000803 | | |

OS CASREACT 134:178141; MARPAT 134:178141
 RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1999:495272 CAPLUS
 DN 131:130011
 TI Preparation of N-acyl-2-aminoacetamides and cyclization products thereof.
 IN Hulme, Christopher; Morton, George C.; Salvino, Joseph M.; Labaudiniere, Richard F.; Mason, Helen J.; Morrisette, Matthew M.; Ma, Liang; Cherrier, Marie-Pierre
 PA Rhone-Poulenc Rorer Pharmaceuticals Inc., USA
 SO PCT Int. Appl., 156 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|----------|
| PI | WO 9938844 | A1 | 19990805 | WO 1999-US1923 | 19990129 |
| | W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW | | | | |

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

| | | | | |
|------------|----|----------|-----------------|----------|
| CA 2318601 | A1 | 19990805 | CA 1999-2318601 | 19990129 |
| AU 9924821 | A | 19990816 | AU 1999-24821 | 19990129 |
| AU 747987 | B2 | 20020530 | | |
| ZA 9900729 | A | 20000110 | ZA 1999-729 | 19990129 |
| EP 1051397 | A1 | 20001115 | EP 1999-904421 | 19990129 |

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, FI, RO

| | | | | |
|---------------|----|----------|----------------|----------|
| BR 9908207 | A | 20001128 | BR 1999-8207 | 19990129 |
| JP 2002501944 | T | 20020122 | JP 2000-530081 | 19990129 |
| HU 200101329 | A2 | 20020328 | HU 2001-1329 | 19990129 |
| AP 1462 | A | 20050930 | AP 2000-1864 | 19990129 |

W: GH, GM, KE, LS, MW, SD, SZ, UG, ZW

| | | | | |
|----------------|----|----------|----------------|----------|
| US 6492553 | B1 | 20021210 | US 1999-368213 | 19990804 |
| NO 2000003792 | A | 20000927 | NO 2000-3792 | 20000724 |
| MX 2000PA07555 | A | 20010219 | MX 2000-PA7555 | 20000801 |
| BG 104724 | A | 20010330 | BG 2000-104724 | 20000829 |

BG 65057 B1 20070131

PRAI US 1998-73007P A2 19980129
US 1998-98404P A2 19980831
US 1998-98708P A2 19980901
US 1998-101056P A2 19980918
WO 1999-US1923 W 19990129

OS MARPAT 131:130011

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1999:448443 CAPLUS
DN 131:199682
TI Novel applications of ethyl glyoxalate with the Ugi MCR
AU Hulme, Christopher; Cherrier, M.-P.
CS Lead Discovery, Rhone-Poulenc Rorer Central Research, Collegeville, PA,
19426, USA
SO Tetrahedron Letters (1999), 40(29), 5295-5299
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 131:199682

RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1997:267295 CAPLUS
DN 126:251170
TI Method for preparing combinatorial libraries of piperazines
IN Goodfellow, Val S.; McLeod, Donald A.; Gerrity, James Ivan; Laudeman,
Christopher P.; Burkard, Michael R.
PA Cortech, Inc., USA
SO PCT Int. Appl., 54 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

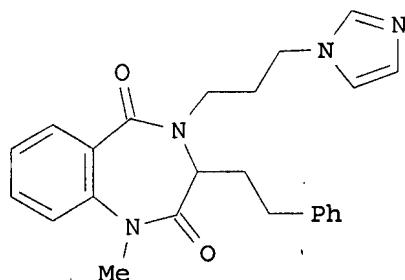
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| PI WO 9710222 | A1 | 19970320 | WO 1996-US14569 | 19960911 |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |

RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,
 IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI
 US 5811241 A 19980922 US 1995-527407 19950913
 AU 9671570 A 19970401 AU 1996-71570 19960911
 PRAI US 1995-527407 A 19950913
 WO 1996-US14569 W 19960911
 OS MARPAT 126:251170

=> D 2-5 IBIB ABS HITSTR

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2001:115088 CAPLUS
 DOCUMENT NUMBER: 134:178141
 TITLE: Preparation of oxoazacycloalkanes and analogs
 INVENTOR(S): Hulme, Christopher; Morton, George C.; Salvino, Joseph
 M.; Labaudiniere, Richard F.; Mason, Helen J.;
 Morrisette, Mathew M.; Ma, Liang; Cherrier,
 Marie-Pierre
 PATENT ASSIGNEE(S): Aventis Pharmaceuticals Products, Inc., USA
 SOURCE: PCT Int. Appl., 176 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|--|-------------|
| WO 2001010799 | A1 | 20010215 | WO 2000-US21257 | 20000803 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 6492553 | B1 | 20021210 | US 1999-368213 | 19990804 |
| EP 1212269 | A1 | 20020612 | EP 2000-955355 | 20000803 |
| EP 1212269 | B1 | 20041027 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, MC, IE, SI, LT, LV, FI, RO, MK, CY, AL | | | | |
| JP 2003506420 | T | 20030218 | JP 2001-515272 | 20000803 |
| AT 280744 | T | 20041115 | AT 2000-955355 | 20000803 |
| ES 2230143 | T3 | 20050501 | ES 2000-955355 | 20000803 |
| HK 1046897 | A1 | 20050415 | HK 2002-108269 | 20021115 |
| PRIORITY APPLN. INFO.: | | | US 1999-368213 | A 19990804 |
| | | | US 1998-73007P | P 19980129 |
| | | | US 1998-98404P | P 19980831 |
| | | | US 1998-98708P | P 19980901 |
| | | | US 1998-101056P | P 19980918 |
| | | | WO 1999-US1923 | A2 19990129 |
| | | | WO 2000-US21257 | W 20000803 |
| OTHER SOURCE(S): | | | CASREACT 134:178141; MARPAT 134:178141 | |
| GI | | | | |



I

AB The title process comprises, e.g., Ugi condensation of N-protected anthranilic acids, amines, aldehydes, and an isocyanide followed by deprotection and cyclization. Thus, 2-(BocMeN)C₆H₄CO₂H, imidazole-1-propanamine, PhCH₂CH₂CHO, and an isocyanide were combined to give title compound I.

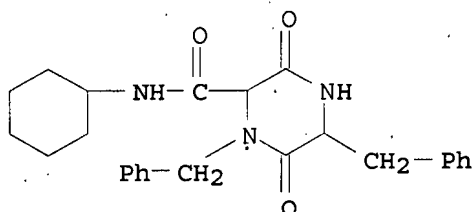
IT 234781-83-0P 234781-86-3P 234781-87-4P
234781-88-5P 234781-91-0P 234781-93-2P
234781-94-3P 234781-95-4P

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)

(preparation of oxoazacycloalkanes and analogs)

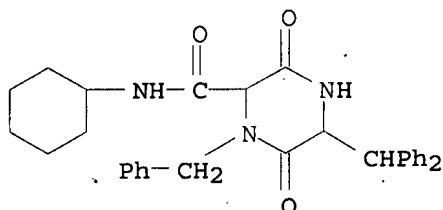
RN 234781-83-0 CAPLUS

CN 2-Piperazinecarboxamide, N-cyclohexyl-3,6-dioxo-1,5-bis(phenylmethyl)- (9CI) (CA INDEX NAME)



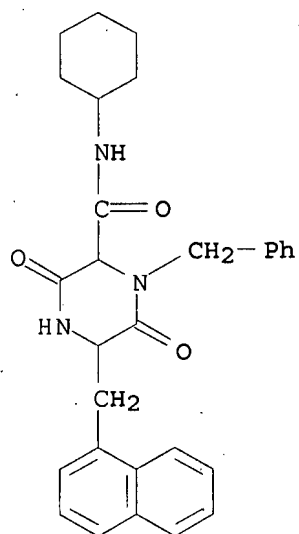
RN 234781-86-3 CAPLUS

CN 2-Piperazinecarboxamide, N-cyclohexyl-5-(diphenylmethyl)-3,6-dioxo-1-(phenylmethyl)- (9CI) (CA INDEX NAME)



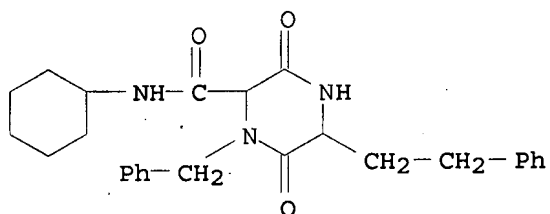
RN 234781-87-4 CAPLUS

CN 2-Piperazinecarboxamide, N-cyclohexyl-5-(1-naphthalenylmethyl)-3,6-dioxo-1-(phenylmethyl)- (9CI) (CA INDEX NAME)



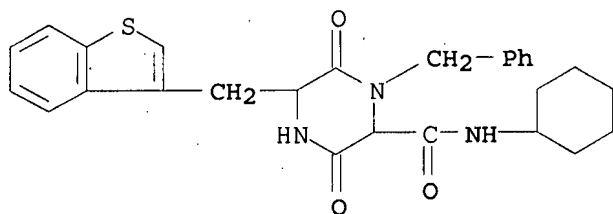
RN 234781-88-5 CAPLUS

CN 2-Piperazinecarboxamide, N-cyclohexyl-3,6-dioxo-5-(2-phenylethyl)-1-(phenylmethyl)- (9CI) (CA INDEX NAME)



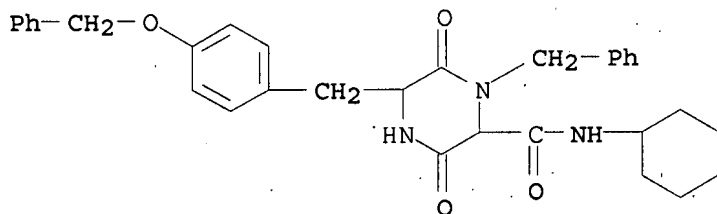
RN 234781-91-0 CAPLUS

CN 2-Piperazinecarboxamide, 5-(benzo[b]thien-3-ylmethyl)-N-cyclohexyl-3,6-dioxo-1-(phenylmethyl)- (9CI) (CA INDEX NAME)



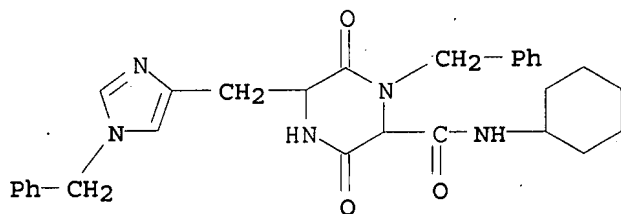
RN 234781-93-2 CAPLUS

CN 2-Piperazinecarboxamide, N-cyclohexyl-3,6-dioxo-5-[[4-(phenylmethoxy)phenyl]methyl]-1-(phenylmethyl)- (9CI) (CA INDEX NAME)



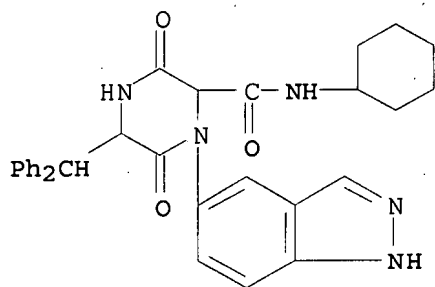
RN 234781-94-3 CAPLUS

CN 2-Piperazinecarboxamide, N-cyclohexyl-3,6-dioxo-1-(phenylmethyl)-5-[[1-(phenylmethoxy)-4-(benzyl)-1H-imidazol-4-yl]methyl]- (9CI) (CA INDEX NAME)



RN 234781-95-4 CAPLUS

CN 2-Piperazinecarboxamide, N-cyclohexyl-5-(diphenylmethyl)-1-(1H-indazol-5-yl)-3,6-dioxo- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

6

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1999:495272 CAPLUS

DOCUMENT NUMBER: 131:130011

TITLE: Preparation of N-acyl-2-aminoacetamides and cyclization products thereof.

INVENTOR(S): Hulme, Christopher; Morton, George C.; Salvino, Joseph M.; Labaudiniere, Richard F.; Mason, Helen J.; Morrisette, Matthew M.; Ma, Liang; Cherrier, Marie-Pierre

PATENT ASSIGNEE(S): Rhone-Poulenc Rorer Pharmaceuticals Inc., USA

SOURCE: PCT Int. Appl., 156 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

| | | | | |
|---|----|----------|-----------------|----------|
| WO 9938844 | A1 | 19990805 | WO 1999-US1923 | 19990129 |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW | | | | |
| RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2318601 | A1 | 19990805 | CA 1999-2318601 | 19990129 |
| AU 9924821 | A | 19990816 | AU 1999-24821 | 19990129 |
| AU 747987 | B2 | 20020530 | | |
| ZA 9900729 | A | 20000110 | ZA 1999-729 | 19990129 |
| EP 1051397 | A1 | 20001115 | EP 1999-904421 | 19990129 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO | | | | |
| BR 9908207 | A | 20001128 | BR 1999-8207 | 19990129 |
| JP 2002501944 | T | 20020122 | JP 2000-530081 | 19990129 |
| HU 200101329 | A2 | 20020328 | HU 2001-1329 | 19990129 |
| AP 1462 | A | 20050930 | AP 2000-1864 | 19990129 |
| W: GH, GM, KE, LS, MW, SD, SZ, UG, ZW | | | | |
| US 6492553 | B1 | 20021210 | US 1999-368213 | 19990804 |
| NO 20000003792 | A | 20000927 | NO 2000-3792 | 20000724 |
| MX 2000PA07555 | A | 20010219 | MX 2000-PA7555 | 20000801 |
| BG 104724 | A | 20010330 | BG 2000-104724 | 20000829 |
| BG 65057 | B1 | 20070131 | | |

PRIORITY APPLN. INFO.:

| | | |
|-----------------|----|----------|
| US 1998-73007P | A2 | 19980129 |
| US 1998-98404P | A2 | 19980831 |
| US 1998-98708P | A2 | 19980901 |
| US 1998-101056P | A2 | 19980918 |
| WO 1999-US1923 | W | 19990129 |

OTHER SOURCE(S):

MARPAT 131:130011

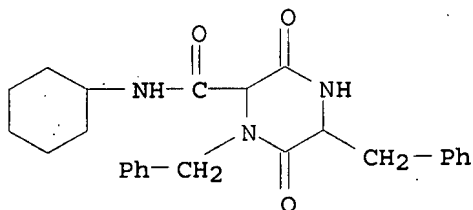
AB RaRbNCRcRaRcbRd Ra = RaaCO; Dd = CONHRda; Raa, Rb, Rca, Rcb = H, (substituted) alipharyl, aryl; Rda = (substituted) alipharyl, aryl; with provisos were prepared by reaction of RcaCORcb with RbNH₂, RaCO₂H, and NCRda. Title compds. may be prepared on a isocyanide resin and deprotected/cyclized to give 1,4-benzodiazepine-2,5-diones, diketopiperazines, ketopiperazines, lactams, 1,4-benzodiazapines, and dihydroquinoxalinones.

IT 234781-83-0P 234781-86-3P 234781-87-4P
234781-88-5P 234781-91-0P 234781-93-2P
234781-94-3P 234781-95-4P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of N-acyl-2-aminoacetamides and cyclization products thereof)

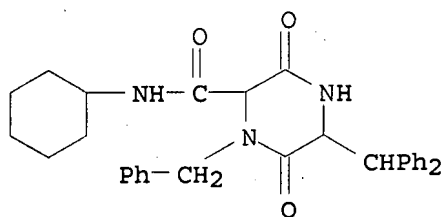
RN 234781-83-0 CAPLUS

CN 2-Piperazinecarboxamide, N-cyclohexyl-3,6-dioxo-1,5-bis(phenylmethyl) - (9CI) (CA INDEX NAME)



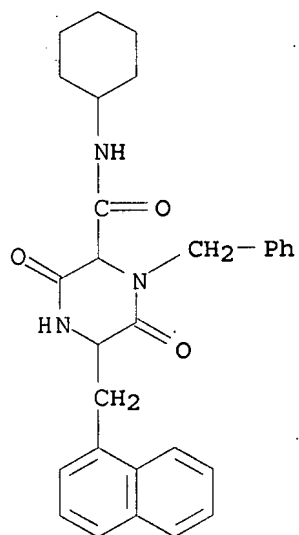
RN 234781-86-3 CAPLUS

CN 2-Piperazinecarboxamide, N-cyclohexyl-5-(diphenylmethyl)-3,6-dioxo-1-(phenylmethyl) - (9CI) (CA INDEX NAME)



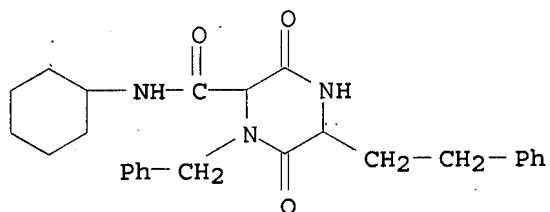
RN 234781-87-4 CAPLUS

CN 2-Piperazinecarboxamide, N-cyclohexyl-5-(1-naphthalenylmethyl)-3,6-dioxo-1-(phenylmethyl)- (9CI) (CA INDEX NAME)



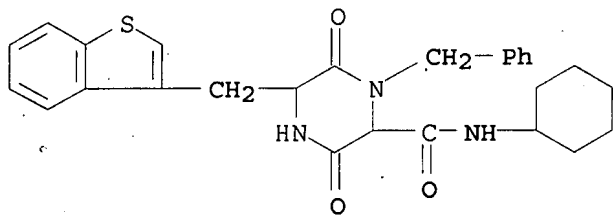
RN 234781-88-5 CAPLUS

CN 2-Piperazinecarboxamide, N-cyclohexyl-3,6-dioxo-5-(2-phenylethyl)-1-(phenylmethyl)- (9CI) (CA INDEX NAME)



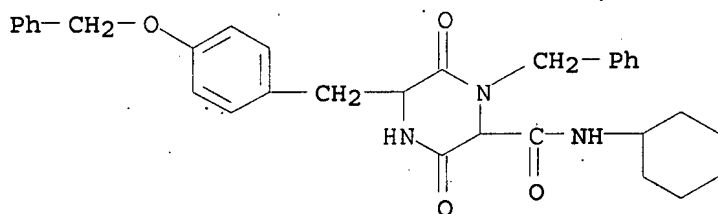
RN 234781-91-0 CAPLUS

CN 2-Piperazinecarboxamide, 5-(benzo[b]thien-3-ylmethyl)-N-cyclohexyl-3,6-dioxo-1-(phenylmethyl)- (9CI) (CA INDEX NAME)



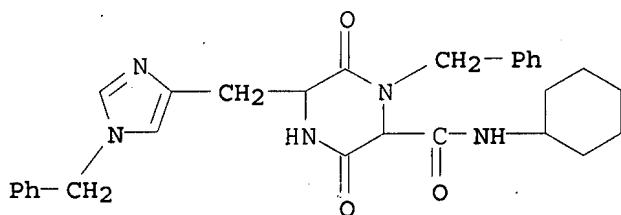
RN 234781-93-2 CAPLUS

CN 2-Piperazinecarboxamide, N-cyclohexyl-3,6-dioxo-5-[[4-(phenylmethoxy)phenyl]methyl]-1-(phenylmethyl)- (9CI) (CA INDEX NAME)



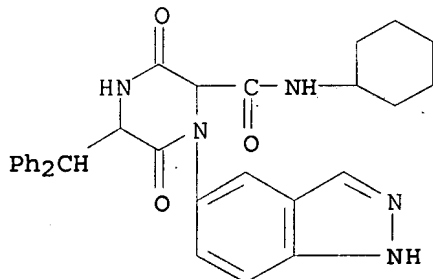
RN 234781-94-3 CAPLUS

CN 2-Piperazinecarboxamide, N-cyclohexyl-3,6-dioxo-1-(phenylmethyl)-5-[[1-(phenylmethyl)-1H-imidazol-4-yl]methyl]- (9CI) (CA INDEX NAME)



RN 234781-95-4 CAPLUS

CN 2-Piperazinecarboxamide, N-cyclohexyl-5-(diphenylmethyl)-1-(1H-indazol-5-yl)-3,6-dioxo- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

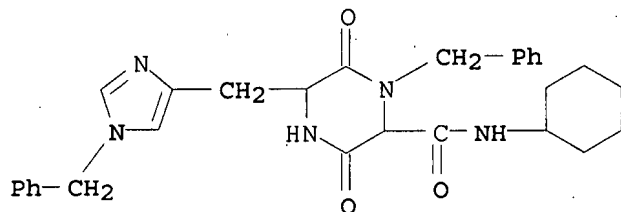
L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1999:448443 CAPLUS

DOCUMENT NUMBER: 131:199682

TITLE: Novel applications of ethyl glyoxalate with the Ugi

MCR
 AUTHOR(S): Hulme, Christopher; Cherrier, M.-P.
 CORPORATE SOURCE: Lead Discovery, Rhone-Poulenc Rorer Central Research, Collegeville, PA, 19426, USA
 SOURCE: Tetrahedron Letters (1999), 40(29), 5295-5299
 CODEN: TELEAY; ISSN: 0040-4039
 PUBLISHER: Elsevier Science Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 131:199682
 AB This letter describes novel high-yielding solution phase preps. of 1,4-benzodiazepine-2,5-dione, diketo piperazine, keto piperazine, and dihydroquinoxalinone libraries via a UDC (Ugi/de-Boc/cyclization) strategy in combination with Et glyoxalate. The methodol. represents a "three step, one-pot procedure", employing the Ugi multi-component reaction (MCR), followed by Boc deprotection and cyclization.
 IT 234781-94-3P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (solution phase preps. of benzodiazepinedione, diketopiperazine, ketopiperazine, and dihydroquinoxalinone libraries via UDC (Ugi/de-Boc/cyclization) strategy involving Et glyoxalate)
 RN 234781-94-3 CAPLUS
 CN 2-Piperazinecarboxamide, N-cyclohexyl-3,6-dioxo-1-(phenylmethyl)-5-[[1-(phenylmethyl)-1H-imidazol-4-yl]methyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1997:267295 CAPLUS
 DOCUMENT NUMBER: 126:251170
 TITLE: Method for preparing combinatorial libraries of piperazines
 INVENTOR(S): Goodfellow, Val S.; McLeod, Donald A.; Gerrity, James Ivan; Laudeman, Christopher P.; Burkard, Michael R.
 PATENT ASSIGNEE(S): Cortech, Inc., USA
 SOURCE: PCT Int. Appl., 54 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|--|----------|-----------------|----------|
| WO 9710222 | A1 | 19970320 | WO 1996-US14569 | 19960911 |
| W: | AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| RW: | KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI | | | |
| US 5811241 | A | 19980922 | US 1995-527407 | 19950913 |

AU 9671570
PRIORITY APPLN. INFO.:

A 19970401

AU 1996-71570
US 1995-527407
WO 1996-US14569

19960911
A 19950913
W 19960911

OTHER SOURCE(S): MARPAT 126:251170

AB Combinatorial libraries of N-substituted 1,4-piperazines and N-substituted 1,4-piperazinediones were prepared for assay in prespecified ligand binding or enzymic activity screens (no data). The piperazines were prepared by reductive alkylation on resin-bound amino acids, followed by bromoacetylation and amination, hydrolytic removal from the resin with cyclization to the piperazinedione, and reduction to the piperazine.

IT 188632-10-2P

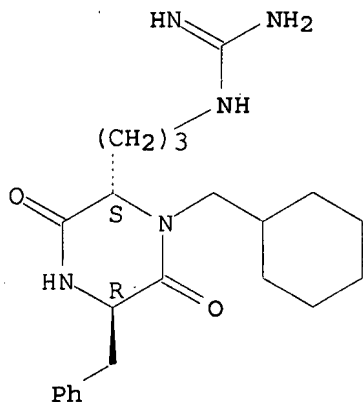
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of combinatorial libraries of piperazinediones and piperazines)

RN 188632-10-2 CAPLUS

CN Guanidine, [3-[1-(cyclohexylmethyl)-3,6-dioxo-5-(phenylmethyl)-2-piperazinyl]propyl]-, (2S-trans)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> LOG HOLD

COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

SINCE FILE
ENTRY
37.32

SINCE FILE
ENTRY
-3.12

TOTAL
SESSION
209.63

TOTAL
SESSION
-3.12

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 11:10:01 ON 09 AUG 2007